



ITU

PATENT
ATTORNEY DOCKET NO. INTEL1160 (P15620)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Koo, et al. Art Unit: 1645
Application No.: 10/748,525 Examiner: Not Yet Assigned
Filed: December 29, 2003
Title: METHODS AND COMPOSITIONS FOR NUCLEIC ACID
DETECTION AND SEQUENCE ANALYSIS

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application, please find:

- (1) A Information Disclosure Statement (2 pages);
- (2) A Form PTO-1449 (1 page);
- (3) Ten (10) References; and
- (4) Return postcard.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, November 15, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Stephanie Sharrett <i>(Name of Person Mailing Paper)</i>	
<i>Stephanie Sharrett</i> November 15, 2004	

In re Application of:

Koo, et al.

Application No.: 10/748,525

Filed: December 29, 2003

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PATENT

Attorney Docket No.: INTEL1160 (P15620)

Applicants do not believe any fees are due in connection with this Information Disclosure Statement. However, if any fees are required, authorization is hereby given to charge Deposit Account No. 07-1896. A duplicate copy of this Transmittal sheet is enclosed.

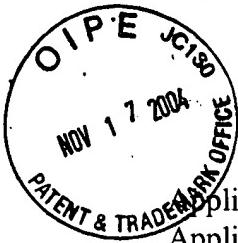
Respectfully submitted,



Date: November 15, 2004

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USPTO CUSTOMER NUMBER 28213
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Attorney Docket No.: INTEL1160 (P15620)

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INFORMATION DISCLOSURE STATEMENT

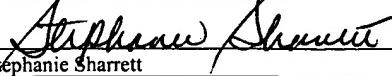
Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and a copy of Items B through K are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on November 15, 2004, in an envelope addressed to:
Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Stephanie Sharrett

In re Application of:

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PATENT

Attorney Docket No.: INTEL1160 (P15620)

This Information Disclosure Statement is being filed prior to receipt of a First Office Action on the merits. Therefore, no fee is deemed necessary. However, the Commissioner is hereby authorized to charge any amounts required by this filing, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,



Date: November 15, 2004

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.:	Serial No.:
	INTEL1160 (P15620)	10/748,525
Applicants: Koo, et al.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 29, 2003	Group Art Unit: 1645

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	6,514,767	2/4/03	Michael Natan	436	166	

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

B	Cao, et al., "Nanoparticles with Raman Spectroscopic Fingerprints for DNA and RNA Detection", <i>Sci.</i> 297:1536-1540, (August 2002)
C	Craighead, H.G., "Nanoelectromechanical Systems", <i>Sci.</i> 290:1532-1535, (November 24, 2000)
D	Doering, et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface -Enhanced Raman Scattering", <i>Analytical Chemistry</i> , :5-9
E	Freitag, et al., "Local Electronic Properties of Single-Wall Nanotube Circuits Measured by Conducting Tip AFM", <i>Am. Phys. Soc.</i> 62(4):R2307-R2310, (July 2000)
F	Graham, et al., "Simple Multiplex Genotyping by Surface-Enhanced Resonance Raman Scattering", <i>Anal. Chem.</i> 74(5):1069-1074 (2002)
G	Graham, et al., "Surface Enhanced Resonance Raman Scattering (SERRS) – A First Example of its Use in Multiplex Genotyping", <i>ChemPhysChem</i> 12:746-748 (2001)
H	Isola, et al., "Surface-Enhanced Raman Gene Probe for HIV Detection", <i>Anal. Chem.</i> 70(7):1352-1356, (1998).
I	Mulvaney, et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", <i>Am Chem Soc.</i> 19:4784-4790 (2003).
J	Nicewarner-Pena, et al., "Submicrometer Metallic Barcodes", <i>Sci.</i> 294:137-141 (October 2001)
K	Vo-Dinh, et al, "Surface-enhanced Raman Scattering (SERS) Method and Instrumentation for Genomics and Biomedical Analysis", <i>J. of Raman Spectroscopy</i> , 30:785-793 (1999)

EXAMINER	DATE CONSIDERED
GT\6422964.1 1090132-9	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.